

Claims

[1] An organic EL panel comprising a light-transmitting supporting substrate having formed thereon an organic EL device comprising an organic layer having at least a luminescent layer, sandwiched with a pair of electrodes, characterized in that the luminescent layer comprises a host material having added thereto a fluorescent material and a transport material as guest materials.

[2] The organic EL panel as claimed in claim 1, characterized in that the transport material has mobility of holes or electrons of 10^{-4} cm²/V·s or more.

[3] The organic EL panel as claimed in claim 1, characterized in that ionization potential of the fluorescent material is a value lower by 0.1 eV or more than ionization potential of the host material.

[4] The organic EL panel as claimed in any one of claims 1 to 3, characterized in that the luminescent layer comprises the host material having hole transport property, having added thereto the fluorescent material and the transport material having hole transport property, as the guest materials.

[5] The organic EL panel as claimed in any one of claims 1 to 3, characterized in that the luminescent layer comprises the host material having electron transport property, having added thereto the fluorescent material and the transport material having electron transport property, as the guest

materials.